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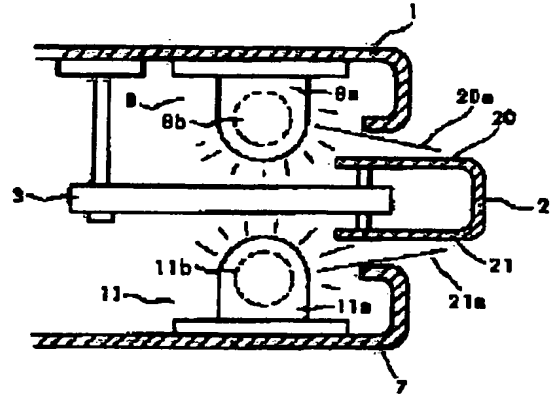
APPLICATION DATE : 11-09-96
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TITLE : SAFETY DEVICE FOR ELEVATOR
DOOR



ABSTRACT : PROBLEM TO BE SOLVED: To surely actuate a safety shoe by attaching a light emitting device to the door of a landing side moved associatively with the opening/closing movement of a door, the light emitting device being for irradiating the surfaces of the car and landing sides of the safety shoe with lights during an operation until the car door is closed, so as to enable a boarding/alighting passenger to recognize the safety shoe.

SOLUTION: During getting on/getting off an elevator, if a car door 1 and the door 7 of a landing side begin to close, power is supplied from the machine room of the elevator to light emitting devices 8 and 11 via cables and the fluorescent tubes 8b and 11b of the car door are lit. For this reason, lights are projected from between the car door 1 and a safety shoe 2 and between the door 7 of the landing side and the safety shoe 2, the surface 20 of the safety shoe 2 in the car side protruded from the car door 1 and the door 7 of the landing side is irradiated with a light 20a and the surface 21 of the landing side with a light 21a and then these lights are reflected. Thus, caution is given to the boarding/alighting passenger about the closing of the door and the safety shoe 2 is surely operated.

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